

reflected in the following areas of interest covered in the abstracts: Evolution, genetic polymorphisms, sperm preservation, sex ratio, genetic linkage, longevity, teratology, mental deficiency, deafness, neoplasia, immunology and new clinical syndromes. Although the Human Cytogenetics section contains fewer abstracts, there is also a considerable variety of interests presented: Chromosomes in evolution, meiotic chromosomes, pachytene chromosomes, chromosome distribution in the metaphase plate, DNA content of cells, autoradiography, effect of various agents (radiation, virus, heat shock, antimetabolites) on chromosomes, immunological properties of lymphocytes and association of chromosome anomalies with clinical syndromes. The renewed interest in dermatoglyphics (fingerprint studies) can probably be attributed to alterations which can be correlated with chromosome anomalies and possibly other genetic diseases. The abstracts in this section pursue this area further and cover techniques and population studies as well.

ROBERT S. SPARKES, M.D.

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THE PEDIATRIC PATIENT 1964—Coordinating Editor: Sarah R. Gustafson, Ph.D., Director, Department of Medical Literature, Hoffmann-La Roche Inc., Nutley, New Jersey; and Consulting Editor: David Baird Coursin, M.D., F.A.A.P., Director of Research, Research Institute, St. Joseph's Hospital, Lancaster, Pennsylvania. J. B. Lippincott Company, Philadelphia, Pa., 1964. 160 pages, \$4.50.

This slim volume is the second of a series prepared by Drs. Sarah Gustafson and David Coursin. In addition to being sold, these volumes are widely distributed among physicians by the sales representatives of Hoffman-La Roche.

The editors have selected the fields in which the greatest advances have occurred. Their opening chapter, "Chromosomal Errors in Disease," reviews developments of the past few years with respect to chromosome culture and analysis and ends with a brief note on genetic counseling. Other chapters deal with gastrointestinal disorders, mental and emotional disorders, convulsive seizures, a variety of urinary tract diseases and collagen diseases. A chapter on viruses and vaccines covers the present status of oral poliomyelitis and measles vaccines, and the progress in some respiratory diseases, rubella and trachoma.

This little book can be perused quickly and provides the busy pediatrician with a rapid although rather superficial review of these topics. For those who wish to delve into the subject further, ample references are provided. It is regrettable, however, that many of the references are from medical news media (*Medical Tribune* or *Medical World News*) or from papers or scientific exhibits from various meetings where the source is not readily available.

MOSES GROSSMAN, M.D.

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FUNDAMENTALS OF OTOLARYNGOLOGY—A Text-book of Ear, Nose and Throat Disease—Fourth Edition, Illustrated—Lawrence R. Boies, M.A., M.D., Professor of Otolaryngology, Chairman, Department of Otolaryngology; Jerome A. Hilger, M.D., M.S., Clinical Professor of Otolaryngology; and Robert E. Priest, M.D., M.S., Clinical Professor of Otolaryngology, all of the University of Minnesota Medical School. W. B. Saunders Company, Philadelphia and London, 1964. 553 pages, \$8.50.

The fourth edition of *Fundamentals of Otolaryngology* by Boies, Hilger and Priest is a revised version of the third edition of Boies' book by the same name. The other authors, who were important contributors to the previous editions, have deservedly been elevated to higher status.

Since publication of the first edition of this text, it has generally been regarded as one of the outstanding texts for the teaching of otolaryngology to undergraduate medical students. The fourth edition contains a large number of re-

visions in the text, illustrations and bibliography which do not alter the basic structure or content of the work, but enhance its desirability for student use. The book is highly recommended as being concise, comprehensive, well-organized, readable, and authoritative.

CHARLES P. LEBO, M.D.

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OCULAR AND ADNEXAL TUMORS—New and Controversial Aspects—Symposium sponsored by Department of Ophthalmology, Baylor University College of Medicine. Milton Boniuk, M.D., Editor, Assistant Professor of Ophthalmology and Chief, Sections of Ophthalmic Pathology and Ocular Oncology, Baylor University College of Medicine, Houston, Texas. The C. V. Mosby Company, St. Louis, Mo., 1964. 511 pages, with 363 figures and 4 color plates, \$25.00.

The sub-title of this book "New and Controversial Aspects" of the subject "Ocular and Adnexal Tumors" is very apropos.

The spirited discussion at the end of each section constitutes a rich and rewarding insight into different viewpoints governing management problems. The initial moderator, Dr. Maumenee, sets the pace by purposely bringing out divergent views. The following quote (page 360) typifies the discussion: "I think this is a most interesting discussion, and it's being carried on by people of great authority in this field. Therefore, when this work is published, it will attract a great deal of attention by ophthalmologists throughout the country and the world. I must say, because I have slightly different feelings about some of the material that has been presented, that I would like to present very briefly the other side of the case."

The color photographs are superb, as are the very numerous black and white illustrations and photographs. One has the feeling of actually being present at the symposium and has an opportunity to review the slides and discussion.

This text updates the subject matter covered in a magnificent fashion. It is to be highly recommended for ophthalmologists and pathologists.

ARTHUR JAMPOLSKY, M.D.

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PRACTICAL HAEMATOLOGY—Third Edition—J. V. Dacie, M.D. (Lond.), F.R.C.P. (Lond.), Professor of Haematology, Postgraduate Medical School of London; and S. M. Lewis, B.Sc., M.D. (Cape Town), D.C.P. (Lond.), Lecturer in Haematology, Postgraduate Medical School of London. Grune & Stratton, Inc., 381 Park Avenue South, New York 16, N.Y., 1964. 435 pages, \$7.50.

The authors state their aim is "to present as fully but as concisely as we can the whole range of laboratory work which may at the present time have to be undertaken in the investigation of a patient suffering from a blood disease," and have done it admirably. This is a book concerning itself primarily with laboratory hematology, and all aspects are covered including a new chapter on radioisotopes. Laboratory methods are detailed and the longest chapter deals with the investigation of hemolytic anemias, a subject with which Doctor Dacie's name has long been associated. Lengthy treatment is given to blood groups and transfusions, also to the investigation of hemorrhagic disorders. The authors apologize for their treatment of morphologic hematology, but the few pages of description and the photomicrographs of red cell abnormalities are worth the price of the book. There is little on bone marrow morphology but the section on bone marrow examination otherwise is excellent. This book will be of most value to hematologists, and laboratory workers in clinical and investigative hematology but of value to the internist and other physicians for an understanding of the laboratory aspects of hematology. It is highly recommended.

WILLIAM F. LUTTGENS, M.D.